Abstract of the Disclosure

In a closed level control system for vehicles, a vehicle body is suspended relative to at least one vehicle axle. The level control system includes pressurized medium chambers, a compressor, an air dryer and a pressurized medium supply vessel which is partitioned into first and second pressurized medium spaces. The two pressurized medium spaces have no direct connection. Either the first pressurized medium space or the second pressurized medium space can be connected to the compressor input or the compressor output via at least one common controllable directional valve so that the pressurized medium from the pressurized medium chambers can be transferred into the first or into the second pressurized medium space or pressurized medium can be transferred from the first or the second pressurized medium chambers.